

BBN nuclear grid (more than 400 reactions)

arXiv:1107.1117v1

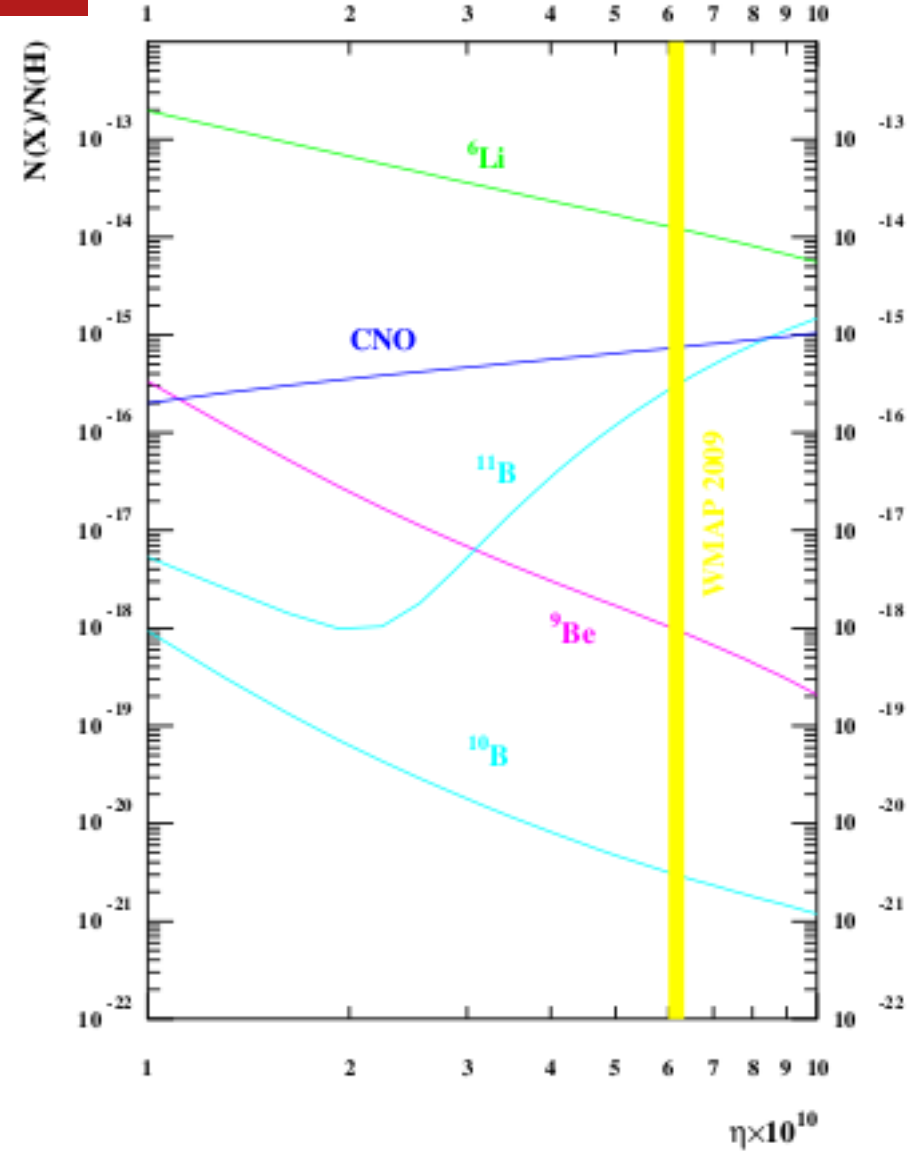
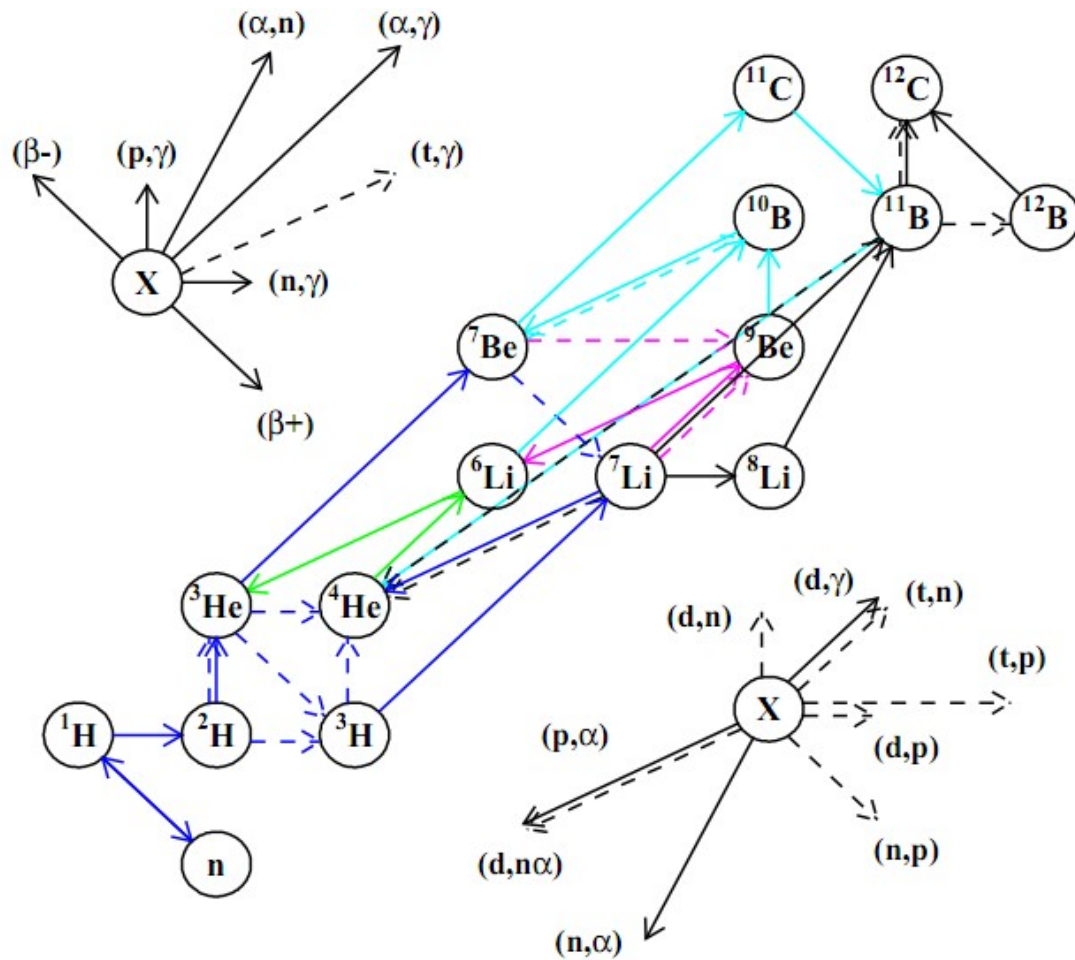


Fig. 14.— (Color online) Standard Big-Bang Nucleosynthesis production of ^6Li , Be, B and CNO isotopes as a function of baryonic density.

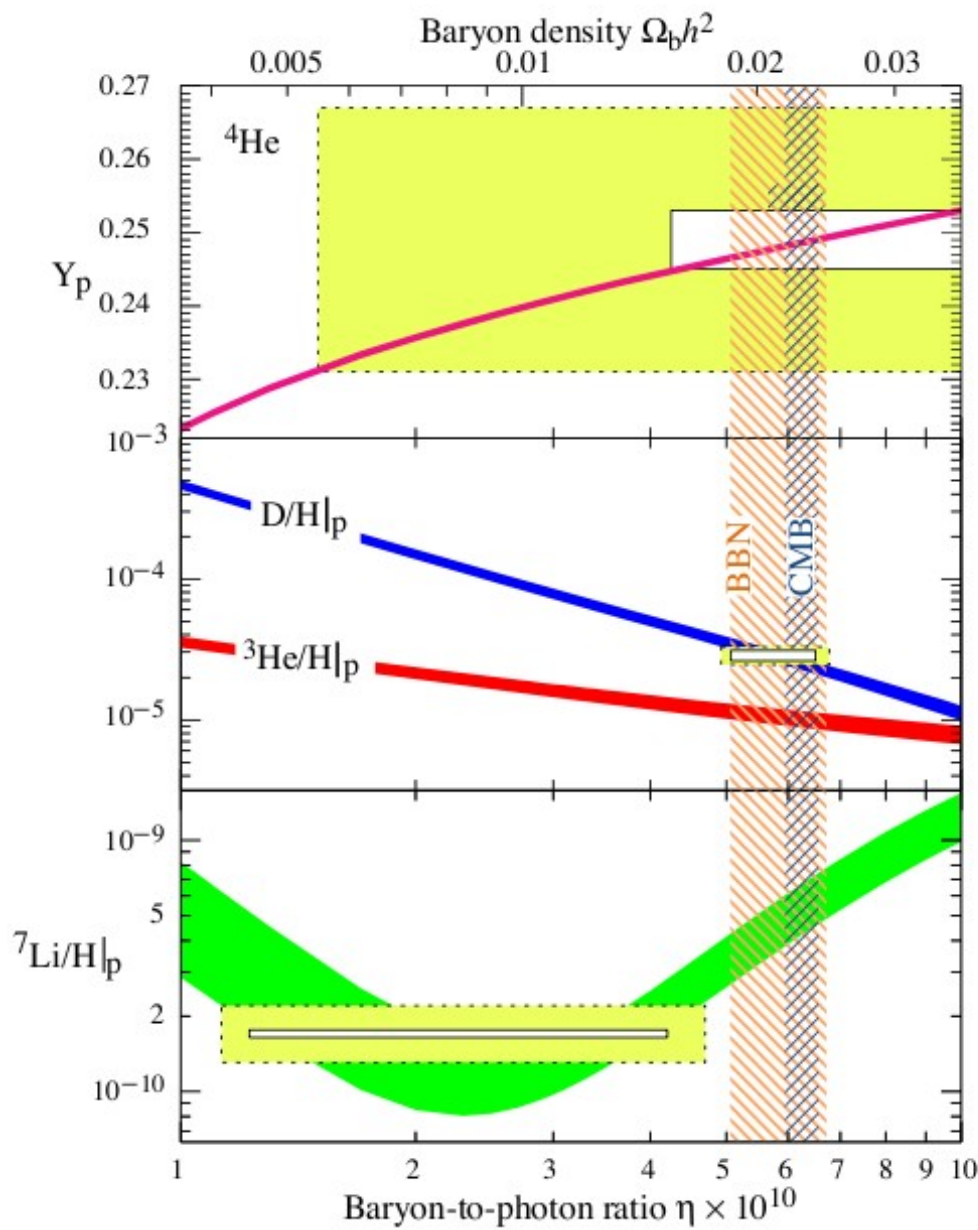


Figure 20.1: The abundances of ${}^4\text{He}$, D, ${}^3\text{He}$, and ${}^7\text{Li}$ as predicted by the standard model of Big-Bang nucleosynthesis [11] – the bands show the 95% CL range. Boxes indicate the observed light element abundances (smaller boxes: $\pm 2\sigma$ statistical errors; larger boxes: $\pm 2\sigma$ statistical *and* systematic errors). The narrow vertical band indicates the CMB measure of the cosmic baryon density, while the wider band indicates the BBN concordance range (both at 95% CL). Color version at end of book.

